

Enhancing Solid Waste Management in Wichita

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The Problem of Illegal Dumping



The Problems of Unmanaged Collection



The Problem of Residential Streets



KDHE Mandated Solid Waste Plan

- KDHE mandated counties to develop new plan
- Sedgwick County's Plan submitted in 1998
- First 5-Year review in 2003
- Second 5-Year review due by June 2008
 - Solid Waste Committee made recommendations
 - County Commission Workshop April 1
 - County held public hearing April 24
 - County will act on plan on May 28
 - County must submit plan to KDHE by June 10

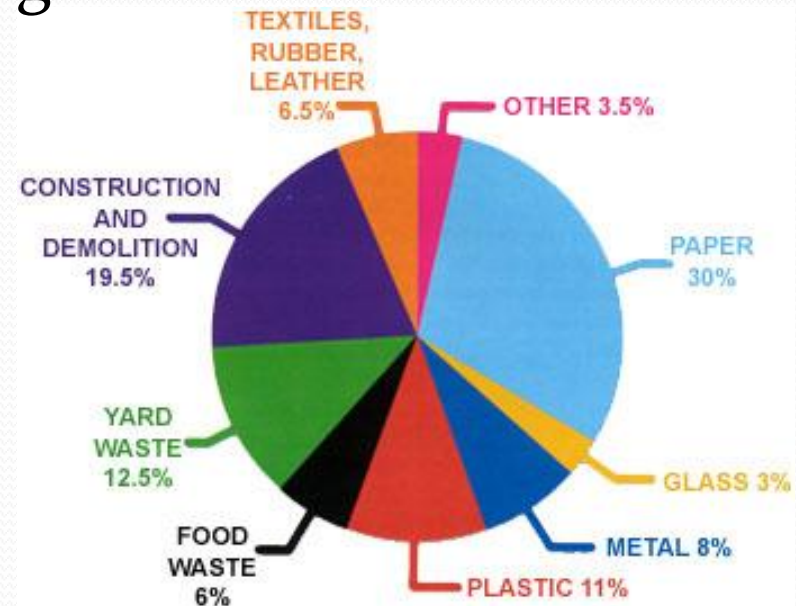
County 5-Year Plan Review

- Waste Analysis
- Collection Method
- Waste Minimization
- Curbside Recycling
- Waste Ban
- Special Waste
- Final Disposal



Waste Analysis

- Last waste stream characterization done in 1997
- Four sampling seasons over a one year period
- Fewer categories this time
- Allows for better program design



Collection Method

- Maintain current free market collection system as default
- Benefits of franchising clear
- Concern that cities could opt out of countywide franchising alternative
- \geq Recommend that cities (\geq) consider franchising



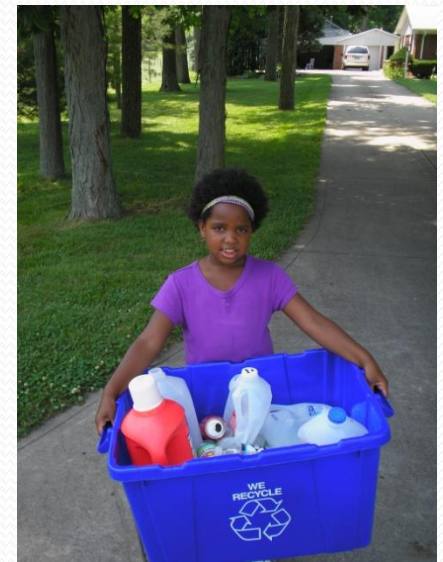
Waste Minimization

- Pay-As-You-Throw (PAYT) style system
- At least two sizes of containers:
 - Current size
 - > 30% smaller
- Imprinted bags or tags for overflow at \$2.50 per bag
- Start date of June 1, 2010



Curbside Recycling

- Mandatory subscription
- Voluntary participation
- Implemented with PAYT for rate impact
- Start date of June 1, 2010



Waste Ban

- Old plan called for grass and fallen leaves
- Issue of “not my leaves”
- Current ban grass clippings only
- Start date of January 1, 2009



Special Waste

- Concern about growing amount and storage of e-waste
- 2008 HHW program will accept e-waste to measure local need
- County to work on an environmentally sound method of e-waste disposal
- Digital TV transition impact



Final Disposal

- Continue to use transfer stations (2)
- Landfill at Plum Thicket Landfill (Harper County)
- Local county-owned landfill still an option
- Explore integration of new technology



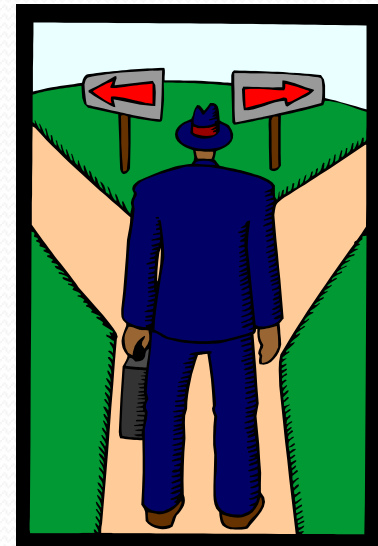
City Issues

- Illegal dumping/neighborhood clean ups
- Need for a bulky waste pick up program
- Residential street congestion/appearance/pavement
- Diesel fuel usage in collection
- **Air quality impact of emission from collection**
- Cost impact of new programs on citizens



How To Proceed?

- Consultant to study options/rate impact and make recommendations
- **Issue an RFP that describes broad goals and seeks potential solutions**
- Take no action at this time



RFP Broad Goals



- Effectively address illegal dumping
- Provide for rate integrated bulky waste pick up
- Address the disincentive of curbside by subscription
- Encourage waste reduction:
 - Volume based rates
 - Yard waste bans
- Improve the efficiency of waste collection
- Generate additional revenues to City to address residential street maintenance

RFP Board Goals (cont.)

- Alternative proposals encouraged
- Provide detailed cost data to various combinations of alternatives
- Explore billing alternatives:
 - Vendor does billing/collection
 - City does billing/collection
 - Other alternatives
- Most effective overall approach
- How to address independent haulers



Proposal Evaluation

- Review alternatives
- Interview as appropriate
- Evaluate economics
- Return to City Council for consideration
- Negotiate agreement(s) as appropriate



